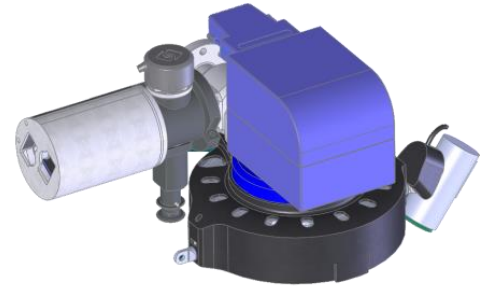
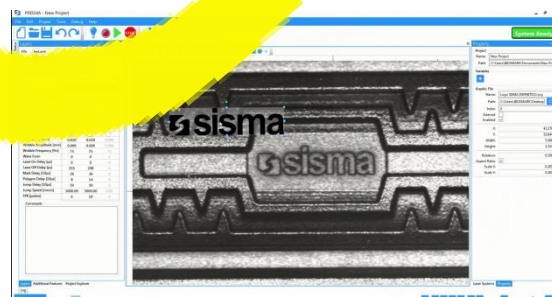
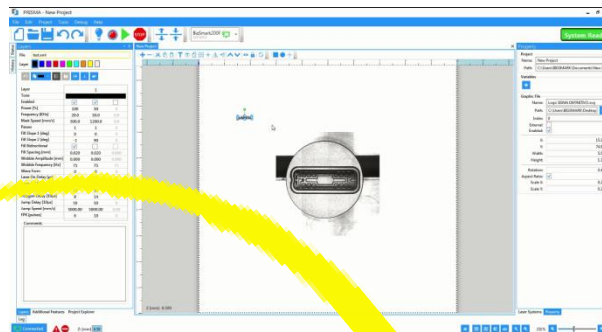
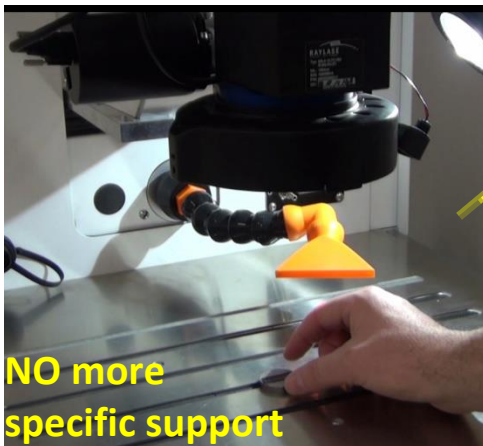


## Advantages

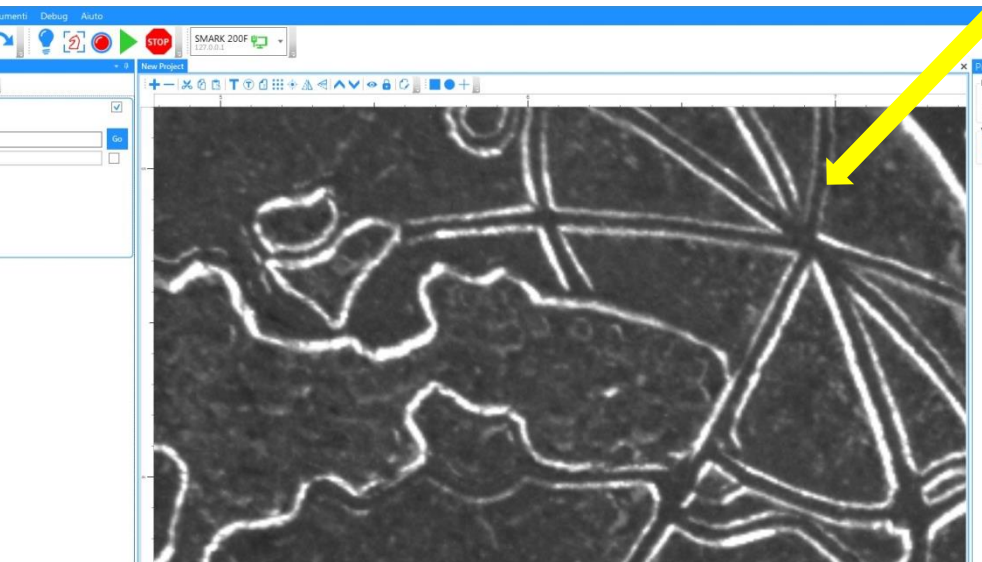
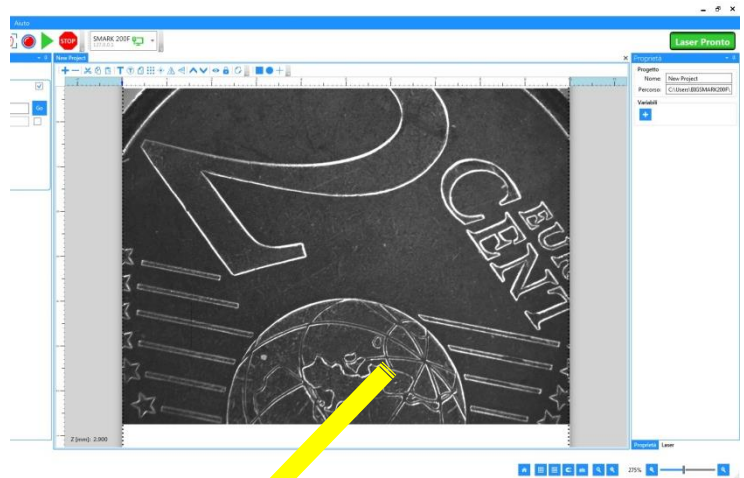
- Parts fixturing NOT needed
- Easier change over
- High precision centering
- Visual drag&drop object marking
- Re-work and post processing of already marked objects
- High resolution image for inspection and small file marking
- Full or partial area reconstruction
- Visual control of laser focus position
- Compatible with existing machines



## High Precision



**High zoom resolution  
(up to 200x)**



## CVS – specifications

FEATURE	VALUE (with F160, Miniscan10)
Camera Resolution	1.3 MPixel @10x10mm (pixel size 3.75 x 3.75 μm )
Field of live view	12x10 mm
Working field size	100x100 mm
Max image size	100x100 mm (130 Mpixel resolution image)
Working field illumination	Red led ring structure
Image processing speed	0.5s each 10x10mm image (50s for the whole 100x100mm working field, 8s for 40x40mm area)
Marking positioning accuracy	+/- 20 μm
System repeatability	< 5 μm (scanning head related)